

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 2    | US-5842023-\$.DID. OR<br>US-20020078447-\$.<br>DID.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO                                       | OR               | ON      | 2009/06/13<br>15:16 |
| L2    | 2    | "20020062487"   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/06/13<br>15:17 |
| L3    | 4    | 1 2   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/06/13<br>15:17 |
| L4    | 2    | "20050078334"   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/06/13<br>15:18 |
| L5    | 6    | 3 4   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/06/13<br>15:18 |
| L6    | 7    | "2003084222" 2002-<br>209180  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/06/13<br>15:19 |
| L15   | 5    | l5 and ((convers\$ or<br>convert\$) and brows\$)  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/06/13<br>16:06 |
| L16   | 10   | "20040139463"<br>"5842023".PN.<br>"20020062487"<br>"20020078447"<br>"4607335".PN.<br>"6189790".PN.<br>"7263671".PN.<br>"6774951".PN.<br>"6490692".PN. | US-PGPUB;<br>USPAT  | OR               | ON      | 2009/06/13<br>16:13 |
| L17   | 5    | L16 and manag\$9  | US-PGPUB;<br>USPAT  | OR               | ON      | 2009/06/13<br>16:13 |
| L18   | 4    | L17 and conver\$9   | US-PGPUB;<br>USPAT  | OR               | ON      | 2009/06/13<br>16:13 |
| L19   | 4    | L18 and print\$4  | US-PGPUB;<br>USPAT  | OR               | ON      | 2009/06/13<br>16:13 |
| L20   | 4    | L19 and stor\$9   | US-PGPUB;<br>USPAT  | OR               | ON      | 2009/06/13<br>16:13 |
| L21   | 4    | L20 and broadcast   | US-PGPUB;<br>USPAT  | OR               | ON      | 2009/06/13<br>16:13 |
| L22   | 2    | L21 and (text and<br>markup\$)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR               | ON      | 2009/06/13<br>16:13 |

|     |      |  |                           |    |    |                     |
|-----|------|--|---------------------------|----|----|---------------------|
| L23 | 2    | L22 and display  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/13<br>16:13 |
| L28 | 1    | "6774951".pn.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/13<br>16:20 |
| L29 | 1    | l28 and (display\$ and<br>text) and (convert\$ or<br>convers\$)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/13<br>16:21 |
| L30 | 1    | l29 and content\$  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/06/13<br>16:21 |
| S1  | 1    | 10/724700  | US-PGPUB;<br>USPAT        | OR | ON | 2008/01/06<br>14:15 |
| S2  | 1    | "5842023".pn.  | US-PGPUB;<br>USPAT        | OR | ON | 2008/01/06<br>14:15 |
| S3  | 1    | "20020078447"  | US-PGPUB;<br>USPAT        | OR | ON | 2008/01/06<br>14:16 |
| S4  | 1    | "20020062487"  | US-PGPUB;<br>USPAT        | OR | ON | 2008/01/06<br>14:16 |
| S5  | 0    | 11-313191  | EPO                       | OR | ON | 2008/01/06<br>14:17 |
| S6  | 0    | "11313191"   | EPO                       | OR | ON | 2008/01/06<br>14:16 |
| S7  | 0    | 9-160899   | EPO                       | OR | ON | 2008/01/06<br>14:17 |
| S8  | 0    | "9160899"  | EPO                       | OR | ON | 2008/01/06<br>14:17 |
| S9  | 0    | 11-313191  | JPO                       | OR | ON | 2008/01/06<br>14:17 |
| S10 | 1    | "11313191"   | JPO                       | OR | ON | 2008/01/06<br>14:17 |
| S11 | 0    | "9160889"  | JPO                       | OR | ON | 2008/01/06<br>14:18 |
| S12 | 0    | "9160899"  | JPO                       | OR | ON | 2008/01/06<br>14:18 |
| S13 | 0    | "9160899"  | JPO                       | OR | ON | 2008/01/06<br>14:18 |
| S14 | 6562 | 358/1.15   | US-PGPUB;<br>USPAT        | OR | ON | 2008/01/15<br>12:12 |
| S15 | 0    | S14 and (data and<br>broadcast\$4) and<br>(receiv\$4 and reproduc<br>\$6) and (digital and<br>wave) and (display\$4<br>and control\$4) and<br>(select\$6 and print\$4)<br>and (permission and<br>inhibit\$6) and (maintain<br>\$8 and command) | US-PGPUB;<br>USPAT        | OR | ON | 2008/01/15<br>13:23 |

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|-----|----|---|--------------------|----|----|---------------------|
| S16 | 2  | S14 and (data and broadcast\$4) and (receiv\$4 and reproduc\$6) and (digital and wave) and (display\$4 and control\$4) and (select\$6 and print\$4) and (permission and inhibit\$6) | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:33 |
| S17 | 31 | S14 and (data and broadcast\$4) and (receiv\$4 and reproduc\$6) and (digital and wave)  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:33 |
| S18 | 27 | S17 and (display\$4 and control\$4) and (select\$6 and print\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:35 |
| S19 | 4  | S18 and permission  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:35 |
| S20 | 2  | S18 and inhibit\$6  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:35 |
| S21 | 10 | S18 and (maintain\$8 and command)   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:16 |
| S22 | 1  | "6490692".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:37 |
| S23 | 1  | S22 and (print\$4 and maintenance) and (chang\$5 and permi\$8) and (inhibit\$6 and inform\$8)   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:20 |
| S24 | 1  | S23 and display   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:49 |
| S25 | 1  | S24 and select\$4   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:50 |
| S26 | 1  | S25 and content\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:58 |
| S27 | 1  | S26 and select\$4   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:03 |
| S28 | 10 | S21 and transmi\$8  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:23 |
| S29 | 0  | S28 and maintenance   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:20 |
| S30 | 10 | S28 and maint\$9  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:25 |
| S31 | 1  | S27 and transmi\$8  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:23 |
| S32 | 1  | S31 and maint\$9  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:24 |

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| S33 | 0 | S32 and broadcast\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:08 |
| S34 | 2 | S30 and (charge and<br>sum)   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:50 |
| S35 | 1 | "4607335".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:50 |
| S36 | 1 | S35 and (print\$4 and<br>cash) and (pay and<br>display) and (sum and<br>charge) | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:17 |
| S37 | 1 | "6189790".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:11 |
| S38 | 1 | "4607335".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:10 |
| S39 | 0 | S38 and broadcast\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:11 |
| S40 | 0 | S38 and broadcast\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:09 |
| S41 | 1 | S38 and sum   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S42 | 1 | S41 and charge  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S43 | 1 | S42 and control\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S44 | 1 | S43 and display   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S45 | 1 | S44 and select  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S46 | 1 | S37 and broadcast\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:18 |
| S47 | 1 | S41 and sum   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S48 | 1 | S47 and charge  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S49 | 1 | S48 and control\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S50 | 1 | S49 and display   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S51 | 1 | S50 and select  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S52 | 1 | S46 and sum   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:15 |
| S53 | 0 | S52 and charge  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S54 | 0 | S53 and control\$4  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:15 |

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| S55 | 0 | S54 and display  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
| S56 | 0 | S55 and select   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
| S57 | 1 | S52 and control\$4   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:15 |
| S58 | 1 | S57 and display  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
| S59 | 1 | S58 and select   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
| S60 | 1 | S59 and print\$4   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:17 |
| S61 | 1 | S45 and print\$4   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:17 |
| S62 | 2 | "20050078334"  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:25 |
| S63 | 1 | "20040139463"  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:42 |
| S64 | 0 | S63 and (data and<br>broadcast\$9) and<br>(receiv\$9 and reproduc<br>\$9) and (unit and<br>digital) and (obtain\$9<br>and display\$9) and<br>(content and text) and<br>(permission and inhibit<br>\$9) and (stor\$9 and<br>sett\$9) and (manag\$9<br>and convert\$9) | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:45 |
| S65 | 1 | S63 and (data and<br>broadcast\$9) and<br>(receiv\$9 and reproduc<br>\$9)  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:46 |
| S66 | 1 | S65 and (unit and<br>digital)  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:47 |
| S67 | 1 | S66 and (obtain\$9 and<br>display\$9) and<br>(content and text)  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:47 |
| S68 | 1 | S67 and (permission<br>and inhibit\$9)   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:47 |
| S69 | 1 | S68 and (stor\$9 and<br>sett\$9)   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:48 |
| S70 | 1 | S69 and convert\$9   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:48 |
| S71 | 0 | S70 and manag\$9   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:48 |
| S72 | 1 | S70 and transmit\$9  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:50 |

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| S73 | 1    | S72 and reproduc\$9   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:51 |
| S74 | 1    | S73 and render\$9   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:51 |
| S75 | 24   | "I114" and command  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:52 |
| S76 | 529  | "I14" and command   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:52 |
| S77 | 1    | S74 and command   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:52 |
| S78 | 1    | S77 and event   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:53 |
| S79 | 1    | S78 and script  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:54 |
| S80 | 7597 | 358/1.15  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S81 | 35   | S80 and (data and<br>broadcast\$4) and<br>(receiv\$4 and reproduc<br>\$6) and (digital and<br>wave)   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S82 | 31   | S81 and (display\$4<br>and control\$4) and<br>(select\$6 and print\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S83 | 11   | S82 and (maintain\$8<br>and command)  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S84 | 11   | S83 and transmi\$8  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S85 | 11   | S84 and maint\$9  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S86 | 2    | S85 and (charge and<br>sum)   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S87 | 2    | S86 and (text and<br>broadcast)   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S88 | 1    | S87 and (text near9<br>broadcast)   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:03 |
| S89 | 2    | S87 and stor\$4   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:35 |
| S90 | 10   | "20040139463"<br>"5842023".PN.<br>"20020062487"<br>"20020078447"<br>"4607335".PN.<br>"6189790".PN.<br>"7263671".PN.<br>"6774951".PN.<br>"6490692".PN. | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:46 |

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|------|----|---|---|----|----|---------------------|
| S91  | 5  | S90 and manag\$9  | US-PGPUB;<br>USPAT  | OR | ON | 2008/08/13<br>14:47 |
| S92  | 4  | S91 and conver\$9   | US-PGPUB;<br>USPAT  | OR | ON | 2008/08/13<br>14:47 |
| S93  | 1  | S92 and permiss\$5  | US-PGPUB;<br>USPAT  | OR | ON | 2008/08/13<br>14:47 |
| S94  | 4  | S92 and print\$4  | US-PGPUB;<br>USPAT  | OR | ON | 2008/08/13<br>14:51 |
| S95  | 4  | S94 and stor\$9   | US-PGPUB;<br>USPAT  | OR | ON | 2008/08/13<br>14:58 |
| S96  | 4  | S95 and broadcast   | US-PGPUB;<br>USPAT  | OR | ON | 2008/08/13<br>15:01 |
| S97  | 1  | "20040139463"   | US-PGPUB;<br>USPAT  | OR | ON | 2008/08/13<br>17:37 |
| S98  | 10 | "20040139463"<br>"5842023".PN.<br>"20020062487"<br>"20020078447"<br>"4607335".PN.<br>"6189790".PN.<br>"7263671".PN.<br>"6774951".PN.<br>"6490692".PN. | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/12<br>18:51 |
| S99  | 5  | S98 and manag\$9  | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/12<br>18:51 |
| S100 | 4  | S99 and conver\$9   | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/12<br>18:51 |
| S101 | 4  | S100 and print\$4   | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/12<br>18:51 |
| S102 | 4  | S101 and stor\$9  | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/12<br>18:51 |
| S103 | 4  | S102 and broadcast  | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/12<br>18:51 |
| S104 | 2  | S103 and (text and<br>markup\$)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/12<br>18:51 |

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